

3/109/60/005/008/015/024
E140/E355

9,4000 (1138, 1143, 1159)

AUTHORS: Yasnopol'skiy, N.L., Alekseyeva, A.P. and
Kofanova, T.I.

TITLE: Certain Problems of Induced Conductance

PERIODICAL: Radiotekhnika i elektronika, 1960, Vol. 5,
No. 8, pp. 1299 - 1308

TEXT: The excited and dark conductances of thin dielectric films are studied, taking into account carrier injection from a contact capture and recombination of the carriers injected and excited in the layer, and the formation of a space-charge field. The phenomenon of induced conductance is analogous to secondary emission, while its kinetics are similar to photo-conductivity. Under the assumption that current carriers are excited uniformly throughout the film thickness, the current is carried by carriers of only a single sign (electrons) and the layer remains electrically neutral - the contact replenishes all removed carriers. Theoretical calculations indicate a current-amplification factor reaching 10⁴ for pure monocrystalline CdS photoconductors. In place of the observed

Card 1/3

S/109/60/005/008/015/024
E140/E355

Certain Problems of Induced Conductance

value of $10^2 - 10^3$. According to Ross (Ref. 1) the cause is the substantial recombination and small lifetime of the excited carriers in thin layers of the order of 1 μ . Such thin layers cannot be made monocrystalline and therefore have a large number of defects, constituting centres of capture and recombination. Their density is 3 - 5 orders of magnitude greater than in monocrystalline CdS. A second suggested cause is insufficient replenishment through the contact, connected with the presence of a potential barrier at the dielectric - base boundary, which prevents electron injection into the conductivity zone of the layer.

In calculating the volt-ampere characteristics, the recombination mechanism was assumed to consist of the capture of free electrons by vacant electron traps; their subsequent recombination with free holes; and recombination of free electrons with holes previously captured by vacant hole traps. The injection is connected with a theoretically ineliminable

Card 2/3

KOFANOVA, Yu. B.

Kofanova, Yu. B.

"A comparative evaluation of clinical-electrocardiographic investigations in various forms of infarct of the myocardium." Kiev Order of Labor Red Banner Medical Inst imeni Academician A. A. Bogomolets. Kiev, 1956.
(Dissertation for the Degree of Candidate in Medical Sciences)

Knizhnaya letopis'
No. 21, 1956. Moscow.

KOFANOVA, Yu.B.

Comparative evaluation of clinical and electrocardiographic data in various forms of myocardial infarction. Vrach. delo no.5:461-465 My '57.
(MLB 10:8)

1. Kafedra terapii (zav. - prof. V.A. Bl'berg) Saniterno-gigiyenicheskogo fakulteta Kiyevskogo meditsinskogo instituta
(ELIOTROGAMIOPHY) (HEART--INFARCTION)

KOFANOVA, Yu.B., kand.med.nauk

Evaluation of functional changes in the cardiovascular system after
the administration of sodium lactate. Vrach. delo no.10:65-70 o '61.
(MIRA 14:12)

1. Kiyevskiy institut perelivaniya krovi i neotlozhnoy khirurgii.
(CARDIOVASCULAR SYSTEM)
(SODIUM LACTATE—PHYSIOLOGICAL EFFECT)

KOFANOVA, Yu. B., kand.med.nauk (Kiev)

Possibility of the transfusion of blood and some blood substitutes in various lesions of the myocardium and disorders of coronary circulation. Klin.med. 40 no.5:41-47 '62. (MIRA 15:8)

1. Is Kiyevskogo instituta perelivaniya krovi i neotlozhnoy khirurgii (nauchnyy rukovoditel' - prof. A.G. Karavanov, dir. - dotsent S.S. Lavrik).

(CORONARY HEART DISEASE) (BLOOD—TRANSFUSION)
(BLOOD PLASMA SUBSTITUTES) (HEART—MUSCLE)

ACCESSION NR: AP3010675

8/0241/63/008/010/0057/0065

AUTHOR: Kofanova, Yu. B.

TITLE: Characteristics of the course of myocardial lesions in radiation sickness in blood, BK-8, and dextron transfusions

SOURCE: Meditsinskaya radiologiya, v. 8, no. 10, 1963, 57-65

TOPIC TAGS: X-irradiation, radiation sickness, blood transfusion, BK-8 serum transfusion, dextron transfusion, hemotherapy, myocardial lesions, myocardium radiation damage, radiation myocarditis, myocardium glycogen

ABSTRACT: 50 rabbits comprising 4 groups were X-irradiated with a single total dose of 600 r. After irradiation 3 groups were given transfusions of freshly citrated blood, BK-8, and dextron respectively and the 4th group served as a control. Blood and blood substitutes were given in doses of 8-10 ml/kg 6-8 times over a period of 40-45 days. EKG's and blood analyses were made at different periods of radiation sickness. After hemotherapy was completed the animals were killed. Histochemical analyses of the myocardium for glycogen content

Card 1/3

ACCESSION NR: AP3010675

were made according to A. L. Shabadash's method in addition to morphological investigations. Findings show that with blood or dextron transfusions started in the latent period (3d-5th days) of radiation sickness when cardiac changes are mostly functional, permeability of cardiovascular walls is reduced and there is no evidence of acute myocarditis. Also, in the myocardium large quantities of glycogen are found and there are no dystrophic or inflammatory changes. Blood and dextron transfusions increase survivability of irradiated animals, prolong their life span, and moderate the course of radiation sickness. With BK-8 transfusions, permeability of cardiovascular walls is also reduced and symptoms of acute myocarditis gradually disappear. In some cases dystrophy and fragmentation of muscle fibers as well as proliferation of connective tissue cells resembling Aschoff-like granulation tissue are found. Glycogen distribution in the muscle fibers is not uniform. Use of BK-8 does not increase survivability of irradiated animals but alleviates the course of radiation sickness. Clinical, hematological, and pathomorphological data for all the groups studied indicate that the different types of homotherapy have a definite therapeutic effect on the course of radiation sickness and radiation myocarditis. Orig.

Card 2/3

ACCESSION NR: AP3010675

art. has: 7 figures.

ASSOCIATION: Kiyevskiy nauchno-issledovatel'skiy institut
perelivaniya krovi i nootlozhnoy kirurgii (Kiev Scientific-Research
Institute of Blood Transfusion and Emergency Surgery)

SUBMITTED: 29Jan63 DATE ACQ: 08Nov63

ENCL: 00

SUB CODE: AM NO REP SOV: 026

OTHER: 007

cont 3/3

KOFANOVA, Yu.P.

Characteristics of the course of myocardial lesions in radiation sickness under conditions of transfusion of blood BK-8 and polyglucin. Med. rad. 8 no.10:57-65 O '63. (MIRA 17:6)

1. Iz kiyevskogo nauchno-issledovatel'skogo instituta perelivaniya krovi i neotlozhnoy khirurgii (nauchnye rukovoditeli - prof. A.O. Karavanov i prof. F.A. Gluzman).

KOFANOVA, Yu.B.

Effect of the transfusion of some blood substitutes and blood on
the rate of the coronary blood flow, myocardial oxygen consumption
and heart action. Fisiol. zhur. 51 no.7:844-850 '65.

(MIRA 18:10)

1, Nauchno-issledovatel'skiy institut perelivaniya krovi i
neotlozhnoy khirurgii, Kiyev.

KOFANOV, Yu.N.

Effect of the transfusion of some blood substitutes and blood on the coronary blood circulation under normal conditions and in experimental coronary insufficiency. Zemel. i paral. krovi 1:48-52 '65.

I. Kiyevskiy institut perelivaniya krovi.

(MIRA 18:10)

KOFANOVA, Yu.V. (Kiev)

Effect of the transfusion of some blood substitutes and blood on
the coronary blood circulation and functional state of the myocar-
dium under conditions of acute hemorrhage. Arkh. pat., 27 no. 4:9-17
1965.
(MIRA 18:5)

1. Laboratoriya patofisiologii (sav. - prof. P.A.Gluzman) Kiyev-
skogo nauchno-issledovatel'skogo instituta perelivaniya krvi i
neotlozhnyy kirurgii (nauchnyy rukovoditel' - prof. A.G.
Karavanov; dir. - dozent S.S.Lavrik).

KOFAS, Zsófia, dr.

On the action of embryonal heart extract. Ther. hung. no. 3; 12-14
1953.

1. University of Budapest, Histological--Embryological Institute
(Director Prof. Dr. I. Török)
(HEART
embryonal, extract, eff.)

KOFELIANSKY, Ye.

EXCERPTA MEDICA Sec.12 Vol.11/4 Ophthalmology Apr57

667. KOFELIANSKY E. *Diathermo-coagulation in tumors of the limbus and cornea (Russian text) VESTN.OPTAL. 1956, 69/3
(7-10)

The author reports on the results of treatment of 8 cases of epibulbar tumours by diathermo-coagulation. The method is simple and it leaves a fine grayish scar at the site of the treatment. These cases were observed from 2 to 8 yr. In 3 cases, the tumours were benign, in 5, the diagnosis was epithelioma. Only in one patient was there a recurrence (the size of the tumour was rather large, 4 x 10 mm.) in 3 months after 3 treatments by electro-coagulation and the eye had to be enucleated. The vision was preserved fully with the exception of corneal astigmatism which developed in 3 patients. The author recommends this method as safe, simple and radical in epibulbar tumours.

Batchevsky - New York, N.Y.

KOPEYNIKOV, A.T., aspirant

Leptospirosis in swine and other animals in White Russia.
Trudy NIVI 1:60-71 '60. (MIRA 15:10)

1. Akademiya sel'skokhozyaystvennykh nauk Belorussskoy SSR
(White Russia—Leptospirosis)(Veterinary medicine)

"APPROVED FOR RELEASE: 09/18/2001

CIA-RDP86-00513R000723530010-0

SAYENKO, V.A.; ARNAUTOV, V.A.; KOPP, I.L.

Algorithmisation of the calculations of economic efficiency of
standards for machine parts and units. Standartizatsiya 29
no.2:59-63 F '65. (MIRA 18:4)

APPROVED FOR RELEASE: 09/18/2001

CIA-RDP86-00513R000723530010-0"

SAYENKO, V.G., kand.tekhn.nauk; KOFF, I.L., inzh.

Calculation of the economic efficiency of power systems using
electronic computers. Energomasinstroenie 11 no.8:34-37 Ag 165.

(MIRA 18:10)

S KOFF, Z.A.

12

THE COLD ROLLING OF STAINLESS STEEL TUBING. Z. A. Koff.
(Bulletin de Documentation de l'Association Technique de l'Acier
et des Metaux Non-Ferreux, 1949, vol. 8, Mar., pp. 19-28). This
is a French translation of a Russian article which appeared in Stal,
1948, No. 8, pp. 341-347. (See Journ. I. and S.I., 1948, vol. 10,
July, p. 338). -R.J.W.

K - 36

Bu. obs. Koff Z.A.

Bis, Fermi! Reklame

of *Leptothrix* from pure water. R. A. Hilt. (Jad., 1946).
See also L. C. Dunn, J. Bact., 1945, 55, 1001. In addition to the following bacteria, two unknown bacteria were found
concurrently under the conditions used in the tests: *Leptothrix*, a
50-55% of total weight mass with 55 vol-% of converted bran, a
50-55% of total weight mass, and *Leptothrix* powder alone or with
an equal wt. of *Leptothrix*-converted bran. Adoption of new cell culture
technique increased bacterial activity and permitted replacement of
soybean whole meal-trypsin oil inoculum by the *Leptothrix*-paste.
The new system of pulses is applicable to the culturing of all
types of C- and nitrogen-fixing bacteria. R. B. CLARK.

ENGR, PERVOYURAL'SK NOROTRUB PLANT

PHASE I BOOK EXPLOITATION SOV/6124

Koff, Zysya Abramovich, Petr Mikhaylovich Soloveychik, Vladimir Arkad'yevich Aleshin, Mark Israilevish Grinshpun.

Kholodnaya prokatka trub (Cold Rolling of Tubes). Sverdlovsk, Metallurgizdat, 1962. 431 p. Errata slip inserted. 4,300 copies printed.

Reviewer: V. L. Kolmogorov, Candidate of Technical Sciences; Ed.: V. P. Kel'nik; Ed. of Publishing House: M. M. Syrchnina; Tech. Ed.: N. T. Mal'kova.

PURPOSE: This book is intended for process engineers, designers, and scientific research workers.

COVERAGE: The book reviews designs of rolling mills and the technology of the cold rolling of tubes. The kinematics and dynamics of rolling mills are described, and a basis is given for proper selection of the main parameters of their parts. Problems relating to the deformation of metal, roll pass design,

Card 1/2

APPROVED FOR RELEASE: 09/18/2001 CIA-RDP86-00513R000723530010-0"

Cold Rolling of Tubes

SOV/6124

and manufacture of tools are discussed at length. Advanced practices in the cold rolling of steel tubes for various purposes are summarized. Methods of boosting the output of rolling mills and of improving the production quality are reviewed, and prospects of further development of the process of cold-rolling tubes are analyzed. The authors express their thanks to Yu. N. Kozhevnikov, L. M. Borisov, V. N. Sarapulov, and to V. L. Kolmogorov, Candidate of Technical Sciences, for their assistance. There are 61 references: 57 Soviet, 3 English, and 1 German.

TABLE OF CONTENTS [Abridged]:

Foreword	3
Introduction	5
Ch. I. Basis for Selecting Main Parameters of Cold-Rolling Tube Mills	10

Card 2/2

JAKAB, Andras; SCHAFER, Lajos; TAPPER, Dezsö, dr.; RADETZKY, Jenö;
PATKAI, Imre, dr.; BABAY, Karoly; SOLYMOSSY, László, dr.;
GYORY, Jenö; FEKETE, Karoly; FERENCZ, Miklós; GYORGYI, György;
SZEMERE, László; SACHY, Antal, dr.; CSABA, József; KEVE, Andras,
dr.; AGARDI, Ede; KOPPAN, Karolyi; SCHMIDT, Egon

Data on the avifauna of Dumanul. Aquila 69/70:260-266 '62-'63
(publ. '64).

KOPTLEVICH, D. L.

Alkaline refuse of naphta industries as a disinfecting substance.
Gig. sanit., Moscow No. 6, June 30. p. 47

1. Of the Epidemiological Department of Ufimskiy Institute of
Epidemiology and Microbiology imeni Mechnikov.

CLML 19, 5, Nov., 1950

I 9249-66 FCC
ACC MM AP6001044

SOURCE CODE: EU/0033/65/069/002/0106/0111

AUTHOR: Koflanovits, Ervin A.

44,55

PC

2

ORG: none

TITLE: Variability of atmospheric and water temperatures in Siofok

SOURCE: Idojárás, v. 69, no. 2, 1965, 108-111

TOPIC TAGS: atmospheric temperature, diurnal variation

12,44,55

ABSTRACT: [Author's English summary, modified] The interdiurnal temperature variations for the period between Apr and Oct in the years 1947 to 1963 of atmospheric and water temperature were analysed on the basis of observed data. The mean interdiurnal water temperature variations of Lake Balaton near Siofok are only 35-60% and those of the atmospheric temperature are within 1°C of the water temperature. The water mass of the lake resists the temperature change near the shore by 15-20% which is revealed by comparing the variations in this temperature with the interdiurnal variations of the temperatures observed at other regions in the country far from Lake Balaton. Orig. art. has: 2 figures, 10 tables. (JMS)

SUB CODE: 04 / SUBN DATE: none / ORIG REF: 001

PC
Card 1/1

KOFLER, Adolf

Psoriasis and articular changes. Przegl. derm. 50 no.6:
547-553 N-D'63

1. w III Oddzialu Skorno-Wienerycznego Szpitala Miejskiego
Nr.2 w Warszawie; dyrektor i ordynator: doc.dr. J.Suchanek.

LAWRYNOWICZ, Romuald; KOFLER, Adolf

Studies on the relationship between varicose ulcer of the legs in women and liver function changes. Przegl.derm. Warsz. 47 no.5
393-397 S-O '60.

1. Z Oddziału II Szpitala Miejskiego nr 2 w Warszawie Ordynator:
doc. dr L.Kwasebart. Z Pracowni Chemiczno-bacteriologicznej
Szpitala Miejskiego nr 2 w Warszawie Kierownik: dr R.Lawrynowicz.
(VARICOSE ULCER etiol)
(LIVER physiol)

KOYLER, Molf

Use of new corticosteroids in dermatology. Przegl. derm. 48 no.1:
36-45 '61.

1. 2 III Oddziału Skorno-Wenerycznego Szpitala Miejskiego nr 2 w
Warszawie Ordynater: dr W. Berkowski.

(ADRENAL CORTEX HORMONES ther)
(DERMATOLOGY ther)

KOTMAN, A.

Simplified method of determining the fulfillment of standards of work. Avt.transp.32 no.12:37 D '54. (MLRA 8:3)

1. Transportnaya konfederatsiya Kiyevgortorgtransa.
(Automobile industry)

KOFMAN, A.; DROZDOV, I.

Readers' letters. Avt.transp. 39 no.9:51 5 '61. (MIRA 14:10)

1. Nachal'nik planovoro otdela gruzovogo parks No.20 Glavkiyevav-totransa.

(Transportation, Automotive)

KOPMAN, A.

Transfer coefficients. Avt.transp. 40 no.11:34-35 N '62.
(MIRA 15:12)
(Transportation, Automotive—Accounting)

"APPROVED FOR RELEASE: 09/18/2001

CIA-RDP86-00513R000723530010-0

KOTYAN, A. I.

36959. KISLOV, V. A. i KOTYAN, A. I. Spinal'nyy fantom. V sb: Nevropatologiya i psichiatriya vremenii. T. II. M., 1949, c. 41-47

SO: Letopis' Zhurnal'nykh Statey, Vol. 50, Moscow, 1949

APPROVED FOR RELEASE: 09/18/2001

CIA-RDP86-00513R000723530010-0"

AI'PERIN, P.M., prof.; KOFMAN, A.I.; SHPIL'AEPO, B.M.; SHAROVA, Yu.A.

Changes in the indices of the blood coagulation system in
disorders of cerebral blood circulation. Sov. med. 28
no.6:83-87 Je '65. (MIRA 18:8)

1. Tsentral'nyy ordena Lenina institut perelivaniya krovi
(direktor - A.Ye. Kiselev) i Gorodskaya klinicheskaya
bol'ница Nr.64 (glavnyy vrach G.V. Rodygina), Moskva.

KOPMAN, A. I.

36934. PULELMAN, L. B. i KOPMAN, A. I. Predvaritel'nyye materialy k voprosu o funktsional'noy diagnostiko i kompl'kse vosstanovitel'nykh meropriyatiy pri spinal'nykh porazheniyakh v residual'nom periode. V sb.: Nevrologiya vremen. T. II. N., 1949, c. 75-88.

SO: Letopis' Zhurnal'nykh Statey, Vol. 50, Moskva, 1949

KOFMAN, A. I.

Kislov, V. A. and Kofman, A. I. "The clinical properties of injuries to some of the functions of the central vegetative mechanisms in open firearm wounds to the skull and brain", In the collection: *Nevrologiya vremenii. Vremenii*, Vol. I, Moscow, 1949, p. 115-29.

SC: U-111, 17 July 1953, (Letopis 'Zhurnal 'nykh Statey, No. 20, 1953)

KOFMAN, A. I.

Kislov, V. A. and Kofman, A. I., "Military contusions and vegetative disturbances in their acute phase", In the collection: *Nevrologiya voen. vremenii*, Vol. I, Moscow, 1949, p. 386-400.

SO: U-411, 17 July 1953, (*Letopis' Zhurnal 'nykh Statey*, No. 20, 1949)

AL'PERIN, P.M. (Moskva); KOEFMAN, A.I. (Moskva); SHPIL'BERG, B.M. (Moskva);
SHAROVA, Yu.A. (Moskva)

Blood coagulation system and the use of anticoagulants in cerebro-
vascular disorders. Zhur. nevr. i psich. vol. 64 no.5:675-679 '64.
(MIRA 17:7)

KOFMAN, A. L.

Pamyatka voditelya avtomobiliya.
Kiev, Gosudarstvennoe Nauchno-Tekhnicheskoe Izdatel'stvo Mashino-
stroitel'noy Literatury, 1952. pp. 130, diagr., tabs., bibliog.;
20 x 13; blue wrappers.

KOTMAN, A. M.

Organizatsiya raboty i tekhnicheskoi eksploatatsii avtotransporta na dorozhnom stroitel' stve. [Organization of work and exploitation of automotive transportation in road construction]. Moskva, Dorisdat, 1947. 263 p. dia,rs.
CtY MH EWC DLC: TLT05.K6

SO: Soviet Transportation and Communication. A Bibliography, Library of Congress,
Reference Department, Washington, 1952, Unclassified.

KOPMAN, A.M.; DRAYGOR, D.A., dozent, kandidat tekhnicheskikh nauk, redaktor; PRITSKEV, O.S., tekhnicheskiy redaktor

[Manual for automobile drivers] Pamiatka voditelei avtomobilja.
Kiev, Gos. nauchno-tekhn. izd-vo mashinostroit. lit-ry, 1952.
125 p. [Microfilm] (MLRA 10:4)
(Automobiles)

TSIKLIS, D.S., doktor khimicheskikh nauk; NOVAK, A.N.

Solubility of carbon monoxide in a copper-ammonium carbonate
solution. Khim.prom.no.7:398-403 O-N '56. (XIIA 10:1)

1. Gosudarstvennyy institut azotnoy promyselnosti.
(Copper compounds) (Carbonates)

"APPROVED FOR RELEASE: 09/18/2001

CIA-RDP86-00513R000723530010-0

KOFMAP, C.N.

APPROVED FOR RELEASE: 09/18/2001

CIA-RDP86-00513R000723530010-0"

TSIKLIS, D.S., dokter khim. nauk; KOPMAN, A.B.

Partial pressures of ammonia, water, and carbon dioxide over
copper-ammonia solutions. Trudy GIAP no.8:21-30 '57.
(MIRA 12:9)

(Vapor pressure)

"APPROVED FOR RELEASE: 09/18/2001

CIA-RDP86-00513R000723530010-0

APPROVED FOR RELEASE: 09/18/2001

CIA-RDP86-00513R000723530010-0"

5(4)

AUTHORS:

Tsiklis, D. S., Kofman, A. N., Shenderey, L. I.

SOV/76-33-9-20/37

TITLE:

Phase- and Volumetric Behavior of Solutions of Acetylene in
Acetone

PERIODICAL:

Zhurnal fizicheskoy khimii, 1959, Vol 33, Nr 9, pp 2012-2016
(USSR)

ABSTRACT:

G. S. Cherkasova and L. F. Abramova (NIAT) took part in the experimental part of the work under review. As there are no accurate data in publications concerning the volumetric behavior of solutions of acetylene (I) in acetone (II), the present investigation was carried out following suggestions made by Yu. V. Dalago and G. P. Chepelyugin. The solubility of (I) in (II) was measured according to the statistical method by measuring the total pressure over the solution at a given temperature and known concentration of the solution; a special arrangement was used for the purpose (Fig 1). The device essentially consists of a graduated tube with tap, glass manometer (as zero instrument), mercury gauge, and portioning vessel. The working procedure is described. The solubility of (I) in (II) was measured at -40, -50, -60, -70 and -80°C at a

Card 1/2

SOV/76-33-9-20/37

Phase- and Volumetric Behavior of Solutions of Acetylene in Acetone

pressure up to 1 atm, and the volume of the solution was determined. To interpret results for the phase equilibrium, the known equation (1) (Ref 5) was applied and the values obtained are specified (Table 1). With the (I)-concentration the volume of the solution rises noticeably (Table 2). By extrapolation, the solubility of (I) in (II) was determined at -80°C even for a pressure above 1000 torr (Table 3). The solubility of (I) in (II) may be expressed by the equation of I. R. Krichevskiy - A. A. Il'inskaya. The solution heat of (I) in (II) was likewise calculated. Finally, gratitude is expressed to I. R. Krichevskiy for valuable advice. There are 3 figures, 3 tables, and 8 references, 5 of which are Soviet.

SUBMITTED: February 26, 1958

Card 2/2

AUTHORS:

Tsiklis, D. S., Shenderov, L. I.,
Kofman, A. N. (Moscow)

S/076/60/034/03/014/038
B115/B016

TITLE:

Phase Equilibria¹ in the System Acetaldehyde¹ - Carbon Dioxide

PERIODICAL: Zhurnal fizicheskoy khimii, 1960, Vol 34, Nr 3, pp 585-586 (USSR)

TEXT: The investigation of the phase equilibrium in the system acetaldehyde - carbon dioxide was carried out in a device already previously described (Refs 1,2) according to an operational method also described there. The system was investigated at 1, 25, and 50° and pressures of up to 100 atm. The carbon dioxide applied was purified and its purity checked. The results obtained are given in a diagram (Figure) and a table. It may be seen from the figure that liquid acetaldehyde and carbon dioxide are miscible in any ratio at temperatures below the critical temperature of CO₂. At temperatures above the critical temperature of CO₂ the critical processes set in. The authors did not succeed in expressing the data for this system by the equation of I. R. Krichevskiy and N. Ye. Khasanova (Ref 3). The system carbon dioxide - acetaldehyde belongs to the concentrated solutions, the treatment of which is extremely difficult. There are 1 figure, 1 table, and 4 references, 3 of which are Soviet.

SUBMITTED: June 10, 1958

Card 1/1

SIKLIS, D.S.; SHENDEROV, L.I.; KOPMAN, A.N. (Moscow)

Solubility of acetaldehyde in compressed gases. Zhur. fiz. khim.
34 no.4: 768-772 Ap '60. (MIRA 14:5)
(Acetaldehyde) (Nitrogen) (Hydrogen).

TSIKIN, D.S., KOPMAN, A.N.

Phase and volume relationships in the system ethylene - ethyl alcohol. Zhur. fiz. khim. 35 no.5:1120-1124 My '61.
(MIRA 16:7)

1. Gosudarstvennyy institut nauchnoy promyshlennosti.
(Ethylene) (Ethyl alcohol)

TSIKLIS, D.S.; VASIL'IEV, Yu.N.; Prinimala uchastiyet KOPMAN, A.N.

Surface tension at the interface between two gas phases at high pressures. Dokl. AN SSSR 136 no.21394-397 '61. (KIRD 14:1)

1. Nauchno-issledovatel'skiy i proyektnyy institut anorganicheskoy promyshlennosti i produktov organicheskogo sinteza. Predstavleno akademikom P.A. Rebinderom.

(Surface tension)

(Helium)

(Ethylene)

TSIKLIS, D.S.; KULIKOVA, A.I.; KOPMAN, A.N.

Compressibility of homogenous mixtures of helium and ethylene at high pressures. Zhur.fiz.khim. 37 no.7:1613-1616 Jl '63. (MIRA 17:2)

1. Gosudarstvennyy institut azotnoy promyshlennosti i produktov organicheskogo sinteza.

ACCESSION NR: AP4010079

8/0129/64/000/001/0057/0058

AUTHOR: Kofman, A. P.; Grenbenshchikov, V. G.

TITLE: The tendency of 30X2H2M and 30X2H4M brands of steel to brittle failure at low temperature, resilience

SOURCE: Metallovedeniye i termicheskaya obrabotka metallov, no. 1, 1964, 57-58

TOPIC TAGS: brittle failure, cold shortness, fibrous fracture, embrittlement temperature, needle troostite, martensite, ferrite 30X2H2M steel, 30X2H4M steel

ABSTRACT: The 30X2H2M and 30X2H4M brands of steel were used to study the effect of various thermal processing conditions on the cold shortness of alloyed steel. The effect of various components on the critical embrittlement temperature of high-tempered steel was determined in the first series of tests. The brittleness of steel is increased mostly by the appearance of needle troostite in its structure. An increase in the amount of ferrite to 10% increases the critical

Card 1/2

ACCESSION NR: AP4010079

embrittlement temperature to - 60 C. The effect of the decomposition on the critical embrittlement temperature of 30X2H4M steel was determined in the second test series. The results justify the conclusion that high-tempered chrome-nickel-molybdenum steel is characterized by a minimum critical embrittlement temperature if it has a martensite structure after the tempering process. Increasing the annealing temperature reduces the critical embrittlement temperature. Orig. art. has: 6 tables.

ASSOCIATION: Volgogradskiy mekhanicheskiy institut (The Volgograd Institute of Mechanical Engineering)

SUBMITTED: 00

DATE ACQ: 07Feb64

ENCL: 00

SUB CODE: ML, CH

NO REF Sov: 000

OTHER: 000

Card 2/2

KOPMAN, A.P.; GREBENSHCHIKOV, V.G.

Tendency of 30Kh2N2M and 30Kh2N4M steels to brittle failure, at low temperatures. Metalloved. i term. obr. met. no.1:57-58 Ja '64.

1. Volgogradskiy mekhanicheskiy institut. (MIRA 17:3)

L 1319-66 EWT(u)/EWP(w)/EWP(i)/EWA(d)/I/EWP(t)/EWP(z)/EWP(b) JD/EM/EM
ACCESSION NR: AP5022175 UR/0032/65/031/009/1125/1126 35
620.171:621.9 34

B

AUTHOR: Kofman, A. P.; Pastkov, P. O.; Yavor, A. A.

TITLE: Uniform strain of bimetal

SOURCE: Zavodskaya laboratoriya, v. 31, no. 9, 1963, 1125-1126

TOPIC TAGS: bimetal, carbon steel, stainless steel, metal stress, strain, stress analysis

ABSTRACT: The uniform strain of bimetal is evaluated as a function of the uniform strain of the material of the layers. Considering the stress-strain diagrams of the bimetal and layer material (see Fig. 1 of the Enclosure), the uniform strain of the bimetal may be defined as the sum

$$\varepsilon = \varepsilon_1 + \Delta\varepsilon \quad (1)$$

where ε is the uniform strain of the more rigid layer. Segment $\Delta\varepsilon$ is proportional to the difference $\varepsilon_2 - \varepsilon_1$ and to the relative thickness of the clad layer h_2/h_1 (h being the thickness of the bimetallic sheet), i.e.,

Cord 1/3

$$\Delta\varepsilon = (h_2 - h_1) \cdot \frac{A_1}{A} \quad (2)$$

L 1319-66

ACCESSION NR: AP5022175

The uniform strain of the bimetal will be given by

$$\epsilon = \epsilon_1 + (\epsilon_2 - \epsilon_1) \cdot \frac{A}{A}$$

(3)

Formula (3) was verified on sheet specimens of the bimetal carbon steel-stainless steel for various cladding thicknesses and various tempering modes, and the results warrant its use in practical calculations. Orig. art. has: 2 figures and 3 formulas.

ASSOCIATION: Volgogradskiy politekhnicheskiy institut (Volgograd Polytechnic Institute)

SUBMITTED: 00

ENCL: 01

SUB CODE: MM, AS

NO REF SOV: 003

OTHER: 000

Card 2/3

L 1219-66
ACCESSION NR: AP3022173

ENCLOSURE: 01

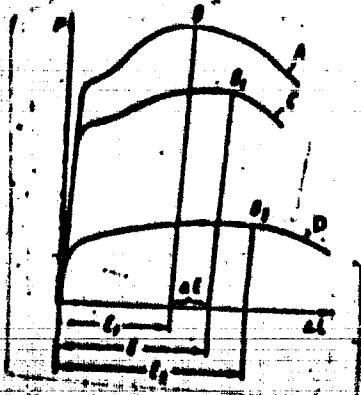


Fig. 1. Stress-strain diagram of the bimetal (C) and layer material (A)

Cord 3/3

L 14546-66 EWT(m)/EWP(v)/T/EWP(t)/
ACC NR: AP6005386 EWP(k)/EWP(b) JD/HM

SOURCE CODE: UR/0413/66/000/001/0134/0134

INVENTOR: Sedykh, V. S.; Pashkov, P. O.; Kofman, A. P.; Gokhshteyn, B. Ye.;
Pavlov, A. I.; Iikhachev, G. F.

ORG: none

TITLE: A method of producing three-layer metal plates. Class 49, No. 177722

SOURCE: Izobrateniya, promyshlennyye obraztsy, tovarnyye znaki, no. 1, 1966, 134

TOPIC TAGS: metal plate, three layer plate, clad plate, plate cladding, explosive
cladding

ABSTRACT: This Author Certificate introduces a method of producing three-layer metal
plates by explosive welding. Explosive charges are placed on the outer surface of
the plates to be welded. In order to increase productivity, both outer plates are
welded to the center plate simultaneously by a charge detonated at one point. In
order to improve the quality of the bond, a centering prism is set up on the upper
edges of the plates so that one edge of the prism faces the detonator. Orig. art.
has: 1 figure.

[WW]

SUB CODE: 11/ SUBM DATE: 23Mar74/ ATD PRESS: 4/97
Cladding 18

PC
Card 1/1

GDC: 621.791.044-419.5

L 26267-66 EWT(m)/T/EWA(d)/EMP(w)/EXP(t) IIP(c) JD

ACC NR: AF6012582

(N)

SOURCE CODE: UR/0314/56/000/004/0020/0023

AUTHOR: Katikhin, V. D. (Engineer); Kofman, A. P. (Candidate of technical sciences);
Pashkov, P. O. (Doctor of technical sciences); Yavor, A. A. (Engineer)

ORG: none

38

8

TITLE: High-strength two- and three-layer steel as a structural material

SOURCE: Khimicheskoye i neftyanoye mashinostroyeniye, no. 4, 1966, 20-23

TOPIC TAGS: steel, high strength steel, clad steel, stainless steel clad steel,
clad steel strength, clad steel ductility/30KhGSA steel, 1Kh18W10T steel, 30KhSNVA
steel

ABSTRACT: Cladding of high-strength structural steels with a ductile material on one or both sides greatly reduces the notch sensitivity of the latter. In this case, the adhesion between the base steel and the cladding must be stronger than the strength of the weaker metal. For example, hardened and tempered 30KhGSA steel has a tensile strength of 160 kg/mm² and an elongation of 3-4%. When clad on one side with 1Kh18W10T steel (tensile strength 60 kg/mm², elongation 30%), 30KhGSA has a tensile strength of 115 kg/mm² and an elongation of 2-4% with poor adhesion and 135 kg/mm² and 7-8% with strong adhesion. The notch sensitivity of 30KhGSA steel drops sharply with one-side cladding, and the notch sensitivity of the two-side clad steel was almost equal to that of 1Kh18W10T steel (the ratio of the tensile strength of notched

Cord 1/2

JWW: 621.9.419:620.17

Z

Cord 2/2 ('C

L 47377-56 ENT(u)/EXP(v)/T/EXP(t)/ETL/EXP(l) IJP(e) JD/HM

ACC NR. AR6028531

SOURCE CODE: UR/0276/88/000/005/B047/B047

AUTHOR: Atroshchenko, E. S.; Kofman, A. P.; Mantaroshin, A. P.;
Nagornov, G. M.; Popov, N. V.; Ryadinskaya, I. M.TITLE: A possibility of using explosion energy for strengthening tractor lug tracks

SOURCE: Ref. zh. Tekhnologiya mashinstroyeniya, Abs. 5B314

REF SOURCE: Sb. Materialy Nauchn. konferentsii. Sovnarkhoz Nizhne-Volzhsk. ekon. r-na. Volgogradsk. politekhn. in-t. T. 1. Volgograd, 1985, 284-287

TOPIC TAGS: tractor, lug track, explosion energy

ABSTRACT: The use of explosion energy for strengthening tractor lug tracks was found to be feasible. A diagram for strengthening the lugs was shown. The use of explosive cords is considered to be the most acceptable from the engineering aspect. Studies were made of the effect of the medium on the magnitude and

Card 1/2

UDC: 621.789:621.81

Card 2/2

L 46600-66 ENT(m)/ENT(v)/T/ENT(t)/ETI/ENT(k) IJP(e) JD/HM/HM/AB
ACC NR: AP6012584 (N) SOURCE CODE: UR/0314/66/000/004/0027/0029
(Cont'd. back of previous sheet) (Candidate of technical sciences)

AUTHOR: Grekov, I. N. (Engineer); Yunger, S. V.; Rubenchik, Yu. IY; Kofman, A. P.
(Candidate of technical sciences); Likhachev, G. F.; Bronshteyn, L. M. (Engineer)

ORG: none

b2
b7D
b7E

TITLE: Production of apparatus from bimetallic sheets obtained by the explosion method

SOURCE: Khimicheskoye i neftyanoye mashinostroyeniye, no. 4, 1966, 27-29

TOPIC TAGS: bimetal, corrosion resistant steel, explosive forming

ABSTRACT: VNIIPTKh in cooperation with the Volgograd Polytechnic Institute (Volgogradskiy politekhnicheskiy institut) and the Volgograd Plant of Petroleum Machinery im. Petrov (Volgogradskiy zavod neftyanogo mashinostroyeniya) conducted weldability tests on the bimetal St. 3 / Kh18N9T prepared by the new explosion method, and studied its qualitative characteristics at various stages of construction of experimental industrial equipment weighing up to 20 tons. The metal was found to have a good weldability, and

Card 1/2

UDC: 66.05:621.9-419.002.2

I 05014-67 EMT(1)/EMT(2)/EMP(1)/ETI IJP(c) SD
ACC N# AR6031296 SOURCE CODE: UR/0277/66/000/006/0011/0011

AUTHOR: Kofman, A. P.; Pashkov, P. O.; Yavor, A. A.

TITLE: Failure characteristics of high-strength clad steel

SOURCE: Ref. zh. Mashinostroitel'nyye materialy, konstruktsii i raschet
detalej mashin. Gidropressivod, Abs. 6, 48, 69

REF SOURCE: Sb. Materialy Nauchn. konferentsii. Sovnarkhoz Nizhne-Volzhsk.
r-na. Volgogradsk, politekhn. in-t, T. I. Volgograd, 1985, 298-302

TOPIC TAGS: high strength steel, clad steel

ABSTRACT: A substantial improvement was shown experimentally in the ductility
and structural reliability of steel by cladding it with a thin layer of material of
high plasticity. In particular, it was shown that the uniform deformation of hard
steel increased proportionately with the thickness of the cladding layer up to a
certain value, beyond which the deformation began to decrease. It was proven
that the notch sensitivity of a hard steel decreases when a material of high
plasticity is applied to its surface, which, however, decreases the susceptibility
of the steel to brittle fracture. The changes in the above properties of hard steel

Card 1/2

UDC: 669.14.018.293:539.4

L 05798-67 ENT(n)/BGP(v)/BGP(s)/RTI LIP(o) JD
ACC NR: AR8031069 SOURCE CODE: UR/0277/68/000/007/0010/0010

34
G

AUTHOR: Katikhin, V. D.; Kofman, A. P.; Yavor, A. A.

TITLE: Cladding as a means for decreasing the tendency of hardened steel to brittle failure

SOURCE: Ref. zh. Mashinostr mat konstr i raschet detal mash. Gidropr. Abs. 7. 48. 69

REF SOURCE: Sb. Materialy Nauchn. konferentsii. Sovnarkhoz Nizhne-Volzhsk. ekon. r-na. Volgogradsk. politekhn. in-t. T. 1. Volgograd, 1965, 303-308

TOPIC TAGS: cladding, steel cladding, brittle failure, brittleness, tensile strength

ABSTRACT: Data are presented on the tensile strength, uniform deformation, notch sensitivity (of notch), and the notch toughness of 30KhGSA and 25KhSNVFA, steels as a function of the thickness of a cladding layer of 1Kh18N10T steel (10-50%).

Cladding reduces the tendency of notched specimens to brittle failure and eliminates temper brittleness. Thus, 30KhGSA steel on both sides, has an identical notch sensitivity to the 1Kh18N10T cladding material, but at the same time its tensile

Cord 1/2

UDC: 669.14.018;530.4:621.771.8

I. 07464-67 EWT(d)/EWT(m)/EWP(k)/EWP(w)/EWP(v)/EWP(t)/ETI IWP(c) EM/JD/HM/HW
ACC NR: AP6035948 (A) SOURCE CODE: UR/0129/66/000/010/0016/0018 47

AUTHOR: Kofman, A. P.; Pashkov, P. O.; Yavor, A. A. 44

ORG: Volgograd Polytechnic Institute (Volgogradskiy politekhnicheskiy institut)

TITLE: Mechanical properties of composite high-strength sheets and plates

SOURCE: Metallovedeniye i termicheskaya obrabotka metallov, no. 10, 1966, 16-18

TOPIC TAGS: steel, stainless steel, medium-alloy steel, structural steel, high strength steel, composite steel, composite steel strength, composite steel ductility/30KhCSA steel, 30KhNSVFA steel, Kh18N10T steel

ABSTRACT: The effect of cladding on the strength and ductility of high-strength medium-alloy structural steels has been investigated. The 30KhCSA and 30KhNSVFA steel plates were clad on one or both sides with a layer of Kh18N10T austenitic steel. The cladding thickness was 20--30% of the thickness of the base plate. It was found that one-side and, particularly, two-side cladding significantly increased the ductility and decreased the strength of the steels. For example, unclad 30KhCSA steel hardened and low tempered had a tensile strength of 160 kg/mm², an elongation of 4--5% and a reduction of area of 0--2%. The same steel clad on both sides with a Kh18N10T steel layer (total thickness of cladding--20% of the base plate thickness) had a tensile strength of 125 kg/mm², and an elongation and reduction of area of 12 and 10--11%, respectively. Cladding 30KhNSVFA steel on both sides with

Cord 1/2

UDC: 620.17:669.868

L 07464-67

ACC NR: AP6035948

3

Kh18Ni10T steel (total thickness -- 25% of the base plate) decreased the strength from 165 to 105 kg/mm² but increased the elongation and reduction of area from 5-6 and 4-5% to 15 and 13%, respectively. Cladding also increased the notch toughness of clad steels, reduced the notch sensitivity and practically eliminated the susceptibility to temper brittleness. The beneficial effect of Kh18Ni10T steel is explained by compression stresses in the cladding originated owing to a different coefficient of thermal expansion. The beneficial effect of Armco iron was much weaker. Orig. art. has: 2 figures and 4 tables.

SUB CODE: 131 SUBM DATE: none/ ORIG REP: 034/ ATD PRESS: 5104

binetal

Card 2/2

ACC NR: AR6029503

SOURCE CODE: UR/0137/65/000/006/1039/1039

AUTHOR: Kofman, A. P.; Pashkov, P. O.; Tavor, A. A.

TITLE: Fracture characteristics of plated high strength steel

SOURCE: Ref. zh. Metallurgiya, Abs. 61262

REF SOURCE: Sb. Materialy Nauchn. konferentsii. Sovmarkhoz Nizhne-Volzhsk. ekon. r-za. Volgogradsk. politekhn. in-t. T. 1. Volgograd, 1965, 298-302

TOPIC TAGS: high strength steel, plasticity

TRANSLATION: The natural improvement of plasticity and structural reliability was shown in steel as a result of plating its surface with a thin layer of highly ductile material. By applying a highly ductile material on its surface, a hard steel had a lower notch sensitivity. The change in the above properties was caused by the difficulty of growth and of the uncovering of the crack surface by means of an additional localized extension of the plated material. L. Ustinov.

SUB CODE: 11,13

UDC: 539.4.01:669.14

Card 1/1

ACC NR: AR6035201

SOURCE CODE: UR/0124/66/000/009/V031/V031

AUTHOR: Baranov, A. G.; Kofman, A. P.

TITLE: Some peculiarities of plastic deformation and heat treating of two layer steels

SOURCE: Ref. zh. Mekhanika, Abs. 9V258

REF SOURCE: Sb. Materialy Nauchn. konferentsii. Sovnarkhoz Nizhne-Volzhsk. ekon r-na. Volgogradsk. politekhn. in-t. T. 1. Volgograd, 1965, 388-389

TOPIC TAGS: plastic deformation, bimetal, metal cladding, steel manufacture process, alloy heat treatment, sheet metal

ABSTRACT: Conditions for rolling bimetallic sheet bars were investigated, and the mechanical properties and optimal methods of heat treating of bimetallic sheets were determined for the following pairs of materials: OKh23N28MZDT alloy + steel 3; KhN75MBTYu alloy + steel 3; Hastelloy S + steel 3. The drawing of various bimetal layers during rolling is determined, which provide a possibility of computing the thickness of cladding of blanks before rolling. It is shown that the drawing coefficient of cladding is smaller than the drawing coefficient of the base from

Card 1/2

ACC NR: AR6035201

carbon steel. After the optimum heat treating conditions, the investigated bimetals acquire properties (strength, plasticity, microhardness, tendency to intergranular corrosion, etc.) considerably exceeding the existing standard requirements. L. Gordiyenko. [Translation of abstract]

[NT]

SUB CODE:411/

Card 2/2

KURMANOV, D. S.

GUTIN, Lev Vladimirovich; MIKANOV, Viktor Aleksandrovich; KERMAN, David
Maksimovich; OZERCOVSKIY, Ch.S., insh., red.; SIDOROV, N.I., insh.,
red.; LITEROV, P.A., tekhn. red.

[Repair of electric rolling stock; mechanical part] Remont elektro-
podvinogo sostava; mekhanicheskaya chast'. Moskva, Gos. transp.
izd-vo, 1958. 347 p. (MIRA 11-7)

(Electric railroads—Rolling stock—Maintenance and repair)

S(6)

AUTHORS: Yakovlev, D. V., Kofman, D. B.

S 165-59-2-23/25

TITLE: V. K. Kalinin, N. M. Mikhaylov. Electric RR Rolling Stock
(V. K. Kalinin, N. M. Mikhaylov. Elektropodvishnoy sostav
zheleznykh dorog.)

PERIODICAL: Elektrичество, 1959, Nr 2, pp 94-95 (USSR)

ABSTRACT: Textbook for Railroad Traffic Engineering, 724 pages, price:
roubles 25.30, published by Transsheldorizdat, 1957.
This is a textbook on electric vehicles for main railroad lines.
It represents the first attempt of generalization of the
very extensive data on electric locomotives, electrounits
and subway-coaches. The main types of electrical locomotives
built and taken into service in the USSR and the most promising
types of a.c. vehicles of foreign production are described.
The book comprises the following chapters: mechanical part
of vehicles, d.c. machines, electrical apparatus and batteries,
circuit diagrams of d.c. vehicles, electrical equipment and
circuit diagrams of single-phase vehicles of industrial
frequency. The domestic electric locomotive for alternating
current, series NO is described in detail. For the first time
also a detailed description of the single assemblies of the

Card 1/2

V. K. Kalinin, N. M. Mikhaylov. Electric Railroad Vehicles
SOV/105-59-2-23/25

electric locomotive ChS 1 and a few data of the electric locomotive № 60 are set forth. Finally it is pointed towards some errors in the book.

ASSOCIATION: Moskovskiy tekhnikum zheleznychno-rozhnogo transporta im.
Dzerzhinskogo
(Moscow Polytechnic Institute for Railroad Traffic imeni
Dzerzhinskogo)

Card 2/2

GUTKIN, Lev Vladimirovich; MIKANOV, Viktor Aleksandrovich; KOPMAN,
David Borisovich; YAKOVLEV, D.V., inst., red.; BOBROVA, Ye.N.,
tekhn.red.

[Repair of electric trains; electrical section] Zemont elektro-
podvishnogo sostava; elektricheskais chast'. Moskva, Vses.
izdatel'stvo-poligr.oob'sedinenie M-va putei soobshcheniya, 1960.
331 p. (MIRA 13:11)
(Electric locomotives--Maintenance and repair)

"APPROVED FOR RELEASE: 09/18/2001

CIA-RDP86-00513R000723530010-0

KOIFMAN, D.N., kandidat tekhnicheskikh nauk.

Experience of students in research work. Tekst.prom. 14 no.10:
51-52 O '54.
(Textile research) (MLRA 7:10)

APPROVED FOR RELEASE: 09/18/2001

CIA-RDP86-00513R000723530010-0"

KOFMAN, I.M.

POSHIDAYEV, N.N.; SEMENOV, V.Ya.; KROKHINOVSKIY, D.P., docent,
kandidat tekhnicheskikh nauk; KER'KOV, V.O., docent;
KOFMAN, I.M., kandidat tekhnicheskikh nauk.

"Response to M.P.Gorbachev, V.S.Bakrinavtseva, and T.A.
Prolovaia's review of N.I.Truevtsiev's book "Mechanical
technology of fibrous materials". Tekst.prom. 15 no.1:
50-54 Ja '55. (NIMA 8:2)

1. Zavedayushchii kafedroy materialovedeniya Kiyevo-kogo
tekhnologicheskogo instituta legkoy promyshlennosti (for
Poshidayev). 2. Glavnyy imzhener fabriki tekhnicheskikh
sukon kombinata im. Tel'mana (for Sergeev). 3. Prepo-
datel' Leningradskogo tekstil'nogo instituta (for Kho-
levskiy, Na'kov and Kofman).
(Truevtsiev, N.I.)(Textile industry)

KOPMAN, D.M.

Effect of the amount of the first partial drafting on a single-band drawframe, on the entire drafting process and the quality of high-number yarn. Izv.vys.ucheb.zav.; tekhn.tekst.prom.
no.2:66-70 '59. (MIRA 1216)

1. Leningradskiy tekhn.izv.institut im. S.M.Kirova.
(Spinning) (Yarn--Testing)

KOTMAN, D.M., dots., kand.tekhm.nauk; LASHIN, V.V.; MIKHALEV, S.N.

Improving the draft gear performance on MF-132 roving machines. Tekst.prom. 19 no.12:60-62 D '59. (NIMA 13:3)

1. Zamestitel' glavnogo inzhenera kombinata imeni S.M.Kirova
(for Lashin).
(Spinning machinery)

KOFMAN, D.M.

Experience in conducting practical work for designers of textile machinery. Izv.vyx.uahet,sav.;tekh.tekst.prot. no.5:132-134 '60.
(MIRA 13:11)

1. Leningradskiy tekstil'nyy institut imeni S.M.Kirova.
(Leningrad--textile industry)

KOFMAN, D.N., kand.tekhn.nauk; USACHEV, T.P., kand.tekhn.nauk

Links between science and production are getting stronger.
Tekst.prom. 20 no.4:90-91 Ap '60. (MIRA 13:8)
(Textile industry)

KOFMAN, D.M., 10ment, kand.tekhn.nauk; MIKHAYLOV, S.M., LIUBINA, O.I.

Single-stage drawing on combing and drawing machines. Tekst.prom.
20 no. 3146-/, Mr '60. (MIRA 14:5)

1. Machal'nik pryadil'noy fabriki No.1 pryadil'no-nitochnogo kombinata
imeni Kirova (for Mikhaylov). 2. Zaveduyushchiy laboratoriyyey
pryadil'noy fabriki No.1 pryadil'no-nitochnogo kombinata imeni Kirova
(for Lyubina).

(Spinning machinery)

TEUDEVTSHEV, N.I.; KOPMAN, D.M.

Utilization of the new synthetic fibers in the manufacture of
condensed and Bradford worsted yarns. Report No.2: Reprocessing
of synthetic "iavsan" fibers in fine cloth manufacture by means
of condenser spinning. Iss.vys.ucheb.zav.; tekhn.tekst.prom.
no.5:66-70 '61. (MIRA 14:11)

1. Leningradskoy tekstil'nyy institut imeni S.M. Kirova.
(Textile fibers, Synthetic)
(Woolen and worsted manufacture)

KOPIAN, D.N., dotsent, kand.tekhn.nauk

Scientific and technical cooperation between the Institute of
Higher Education and textile enterprises. Tekst. prom. 21
no.10:16-18 0 '61. (MIRA 14:10)

1. Leningradskiy tekstil'nyy institut imeni S.M. Kirova.
(Textile industry)
(Textile schools)

MININ, N.I., dotsent; BABIN, V.B.; KOPMAN, I.L.; MANEVICH, V.A.;
MIKHAIL'SON, V.A.; YUREVICH, V.M.

Concentration of ether in the blood during various types of
ether-oxygen anesthesia. Vest.khir. 85 no.9:95-100 S 460.

(MIRA 13:11)

1. Iz fakul'tetskoy khirurgicheskoy kliniki (sav. - prof. I.S.
Zhurov) sanitarno-gigiyenicheskogo fakul'teta 1-go Moskovskogo
ordena Lenina meditsinskogo instituta imeni I.M. Sechenova.
(ETHER (ANESTHETIC))

KOPMAN, D.M., kand.tekhn.nauk, doceent; MIKHAYLOV, S.M.; TROFIMOV, I.R.;
KL'KIN, G.O.

Modernization of the automatic regulation of the cotton
feed in the stand-by chamber of single-process scutchers.
Tekst.prom. 22 no.10:23-26 0 '62. (MIRA 15:11)

1. Leningradskiy tekstil'nyy institut imeni S.M. Kirova
(for Kopman). 2. Nachal'nik pryadil'nogo proizvodstva
pryadil'no-nitochnogo kombinata imeni S.M. Kirova (for
Mikhaylov). 3. Starshiy inzh. laboratorii pryadil'no-nitochnogo
kombinata imeni S.M. Kirova (for Kl'kin).
(Cotton machinery) (Automatic control)

TRUIEVSEV, N.I.; KOPMAN, D.M.

Use of new synthetic fibers in condenser and bradford spinning.
Report No.3: Experience in the industrial use of lavesan and nitron
fibers in condenser spinning for coat fabric yarns. Izv.vys.ucheb.-
sav.; tekhn.tekst.prom. no.5:63-69 '62. (MIRA 15:11)

1. Leningradskiy tekstil'nyy institut imeni S.M.Kirova,
(Textile fibers, Synthetic)

KOPMAN, David-Markovichdots., SHOPIMOV, Ivan Romanovich;
TRUYEVTSIEV, N.N., inzh.; KHROS, B.Ye., red.; YEMEL'YANOVA,
T.M., red.; ZOLOTAREVA, I.Z., tekhn. red.

[Carding machines for cotton manufacture; their design,
maintenance, repair and operation] Checal'mye mashiny
khlepkopriadil'nogo proizvodstva; ustroistvo, remont i ob-
slushivanie. Moscow, Gidro prom, 1963. 163 p.

(NIRA 16:12)

(Carding machines)

1. KOPMAN, G. A.
2. USSR (600)
4. Genitourinary Organs - Tuberculosis
7. Rapid diagnosis of tuberculosis of the urogenital system.
Sov. med. 16 no. 9, 1952

9. Monthly List of Russian Accessions, Library of Congress, January 1953, Unclassified.

KOPMAN, G.S.

Casting steel wheels in metal moulds. Lit. prov. no. 5:30 Ag '54.
(Steel castings) (Wheels)
(MLRA 7:8)

KOPMAN, I.

Faulty practice, Otdr. truda i sots.strakh., no.12:43-44
D '59. (MIRA 13:4)

1. Doverennyj vrach Altayskogo kraysovprofa.
(Altai--Insurance, Social)

KAGANOVSKIY, N.; KOP'YAN, I., gal'vanik (Kiyev)

Vibrators for nickel plating. Prom.koop. 14 no.8:14 Ag '60.
(MIRA 13:8)

1. Machal'nik gal'vanicheskogo tselka arteli "Trudovik," Kiyev
(for Kaganovskiy).

(Nickel plating)
(Vibrators)

KOPMAN, I., konstruktor

Cart for unloading bread. Sov. torg. 35 no. 9163 8 '62. (MIRA 16:2)

1. Otdel novoy tekhniki Ukrainskogo nauchno-issledovatel'skogo
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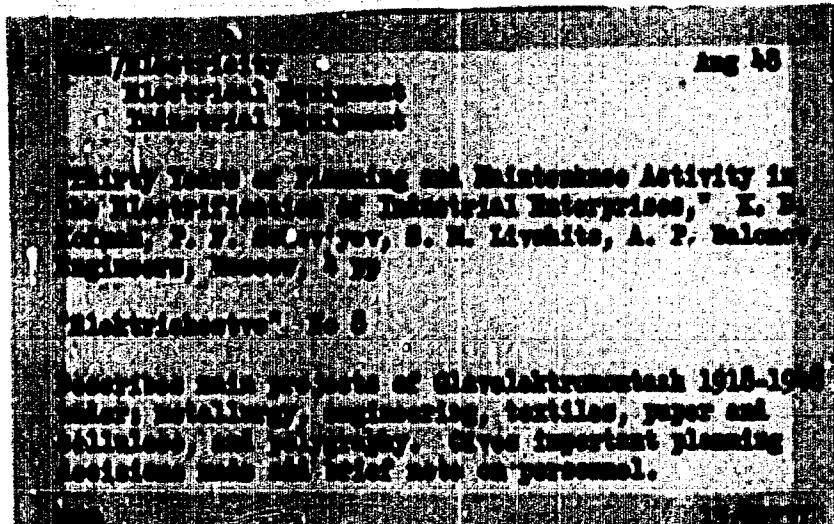
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